

# Echelon® LONWORKS™

D E V E L O P M E N T   S E R V I C E S



## **Our Experience:**

*Microsym has been in the embedded systems design business since 1981. In October of 1991 Microsym became Canada's first Echelon authorized LONWORKS Independent Developer. Microsym is recognized as a world leader in LONWORKS technology, actively working on projects in the fields of energy management, point of sale, avionics, telecommunications, and industrial control.*

## **Our Services:**

Our engineering team provides a wide range of services to our clients.

These include:

- Product definition and specification
- Feasibility studies
- Proof of concept studies
- Hardware design and schematic capture
- Programmable logic design (PALASM, Altera, Xilinx)
- Circuit board layout including:
  - *through-hole technology*
  - *surface mount technology*
  - *multi-layer design up to 32 layers*
- Software design
- Mechanical design
- Prototyping
- Manufacturing
  - *Microsym has executed Echelon OEM licence*
- Agency approvals
- Project management

### **Our Forté:**



*One of the main benefits of using our services is that we can help you get to market fast. We provide extremely fast turn around on product designs. If you need to get ahead of the competition then we can help you get there quickly.*

### **Why should you use our services?**

By using our services you are gaining access to our LONBUILDER™ Developer's Workbenches, and our LONWORKS technology and network management tools training. Our design engineering team has a proven track record with LONWORKS technology (references available upon request). Microsym is an active member of LONUSERS™ International. We have invested the time and resources to become proficient with LONWORKS technology. You can access this valuable resource by calling us for a free, no obligation, quotation. By using our services you can quickly reap the benefits of LONWORKS technology, without having to invest time and money in tools and training.

By combining our extensive LONWORKS experience with your specialized knowledge, we can work together to design and build the most innovative products in your industry.

### **Our Standard Products:**

Microsym has standard products that complement the NEURON® Chip. These products allow enhanced I/O capability and fault tolerant network implementations. Microsym is the first company to offer a fiber optic transceiver implementation for the NEURON Chip.

### **Confidentiality:**

We will gladly enter into your non-disclosure agreement in order to protect your market advantage. Furthermore, the principals of Microsym Computers Inc., and our facilities, are cleared to level 2 (Secret) by the Canadian Security Intelligence Service.

### **Our Commitment:**

We have a full-time commitment to LONWORKS technology. Helping companies develop LONWORKS based products is our top priority. We will provide you with the services you need, when you need them, and at an attractive price.

### **How to reach us:**

Contact either Greg Neff or Glenn Moore at (416) 293-8263.

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